L Number	Hits	Search Text	DB	Time stamp
5	137	29/840.ccls. and (solder adj paste) and @ay<1998	USPAT	2003/06/02 08:36
6	30	29/852.ccls. and (solder adj paste) and @ay<1998	USPAT	2003/06/02 10:06
7	. 20	29/852.ccls. and (reflow adj solder\$) and @ay<1998	USPAT	2003/06/02 08:44
8	13	("3676566" "3934334" "3984244" "4368503" "4394712"	USPAT	2003/06/02 08:51
ļ		"4670770" "4803450" "4830264" "4845311" "4854038"		
1		"4864722" "4868350" "4908933").PN.	j	
9	15	("3895747" "4226342" "4622239" "4656048" "4693209"	USPAT	2003/06/02 08:59
		"4720402" "4743465" "4922852" "5047262" "5133120"	1	
		"5147084" "5191709" "5244143" "5268194" "5395643").PN.		
10	4	("3541222" "5155905" "5207585" "5244143").PN.	USPAT	2003/06/02 09:10
	6	29/852.ccls. and (screen\$ with (solder adj paste)) and @ay<1998	USPAT	2003/06/02 10:13
12	386	29/852.ccls. and @ay<1998 not ((29/852.ccls. and (screen\$ with (solder	USPAT	2003/06/02 10:28
12	300	adj paste)) and @ay<1998))	OSITI	2003/00/02 10:20
13	4	("5262226" "5384952" "5434452" "5681647").PN.	USPAT	2003/06/02 10:16
15		1 ' '	USPAT	2003/06/02 10:10
	717		1	I
6	1	("5155904").PN.	USPAT	2003/06/02 11:19
7	12	("4208005" "4215025" "4506443" "4515304" "4573105"	USPAT	2003/06/02 10:42
		"4761881" "4814944" "4851966" "4908936" "4982376"		
		"4998342" "5070604").PN.]	
18	19	5155904.URPN.	USPAT	2003/06/02 10:40
9	57	228/\$.ccls. and ((wave adj solder\$) same mask\$) and @ay<1998	USPAT	2003/06/02 11:2
	181653	((PWB OR PCB) OR (PRINTED ADJ3 BOARD))		2003/03/07 12:5
	179729	((PWB OR PCB) OR (PRINTED ADJ2 BOARD))		2003/03/07 12:5
į	59740	((PWB OR PCB) OR (PRINTED ADJ2 BOARD))		2000/05/15 06:2
	72	chang-rick-kiltae.xa.	USPAT	2003/03/07 07:4
	363	29/879	USPAT	2000/09/01 09:5
	5		USPAT	2000/10/02 14:0
	3	"4604644"	OSIAI	2000/10/02 14.0
		"4818728"		
		"4965700"		
		"5006673"		
		"5384952"	İ	
		"5473510"	ĺ	
		"5477933"		
		"5483421"		
		"5491303"		
		"5525545"	Į.	
		"5535101"		
		"5576519"		
		"5583378"		
		"5640761"		
		"5673846"		
		"5685885"		
	^	"5765279").pn. and (solder adj ball\$)	TIOD + T	0000/10/05
}	2	("3835531"	USPAT	2000/10/02 14:1
		"4604644"		
Ī		"4818728"		
		"4965700"		
		"5006673"		1
		"5384952"		
		"5473510"		
		"5477933"		
		"5483421"		
			1	
		L "5491303"	1	
		"5491303" "5525545"		
		"5525545"		
		"5525545" "5535101"		
		"5525545" "5535101" "5576519"		
		"5525545" "5535101" "5576519" "5583378"		
		"5525545" "5535101" "5576519" "5583378" "5640761"		
		"5525545" "5535101" "5576519" "5583378"		
		"5525545" "5535101" "5576519" "5583378" "5640761"		
		"5525545" "5535101" "5576519" "5583378" "5640761" "5673846"		

Search History 6/2/03 11:22:32 AM Page 1

T-	5	("4851902" "5323528" "5467913" "5657528" "5695667").PN.	USPAT	2003/03/04 07:28
-	4	("4558812" "5205896" "5279045" "5284287").PN.	USPAT	2003/03/04 07:32
-	0	29/840.pn. and (select\$ with solder with ball)	USPAT	2003/03/04 07:34
_	0	29/840.pn. and (select\$ with solder with ball) and @ay<1999	USPAT	2003/03/07 11:43
-	0	29/840.pn. and (solder with ball) and @ay<1999	USPAT	2003/03/04 07:39
1_	18	29/840.ccls. and (select\$ with solder with ball) and @ay<1999	USPAT	2003/03/04 07:46
	3	29/\$.ccls. and (select\$ with mount\$ with solder with ball) and	USPAT	2003/03/04 07:57
1		@ay<1999	OBIAN	2003/03/04/07:37
	71	29/\$.ccls. and (c-4) and @ay<1999	USPAT	2003/03/04 08:12
-	1			
-	67	29/\$.ccls. and (((flip-chip) or (flip adj chip)) with solder with ball) and	USPAT	2003/03/04 11:57
		@ay<1999		
-	1382	(174/52.4).CCLS.	USPAT	2003/03/05 06:49
-	1	("6313402").PN.	USPAT	2003/03/05 10:50
-	5	("4640499" "5166774" "5207887" "5250843" "5469333").PN.	USPAT	2003/03/05 07:38
-	2	("3181986" "4125441").PN.	USPAT	2003/03/05 09:41
_	6	("1709327" "2250436" "2854336" "2984595" "3181986"	USPAT	2003/03/05 09:42
		"3414487").PN.		
_	17	4125441.URPN.	USPAT	2003/03/05 10:00
_	2	("3181986" "4125441").PN.	USPAT	2003/03/05 10:04
	20	5207887.URPN.	USPAT	2003/03/05 10:04
-	760		USPAT	
-	1	substrate same (crystal adj grain)		2003/03/06 08:18
-	4	(planariz\$ with substrate) and @ay<1998 and 29/852.ccls.	USPAT	2003/03/06 07:45
-	10	(polish\$ with substrate) and @ay<1998 and 29/852.ccls.	USPAT	2003/03/06 07:51
-	23	(rough\$ with copper) and @ay<1998 and 29/852.ccls.	USPAT	2003/03/06 07:52
-	97	substrate same (crystal adj grain adj boundary) and @ay<1998	USPAT	2003/03/06 08:30
-	13	((stainless adj steel) same (crystal adj grain adj boundary)) and	USPAT	2003/03/06 08:30
	ļ.	@ay<1998		
_	183	chang-rick-kiltae.xa. or chang-rick-k.xa. or chang-rick-kiltae.xp or	USPAT	2003/03/07 12:53
		chang-rick-k.xp		
1_	183	chang-rick-kiltae.xa. or chang-rick-k.xa. or chang-rick-kiltae.xp. or	USPAT	2003/03/07 08:54
	103	chang-rick-k.xp. or chang-r.xa. or chang-r.xp.	OBIAI	2003/03/07 00.54
	,		LIGDAT	2002/02/07 07 47
-	1	"5832600".PN.	USPAT	2003/03/07 07:47
-	8	("3926746" "4264917" "4530152" "4790894" "5182853"	USPAT	2003/03/07 07:49
		"5273938" "5355283" "5373627").PN.		
-	7	427/97,99.ccls. and (((uv or ultraviolet) with ink) and plat\$) and	USPAT	2003/03/07 09:09
		@ay<=1999		
-	315	rout\$ and ((uv or ultraviolet) with ink) and @ay<=1999	USPAT	2003/03/07 09:10
-	106	((rout\$ or cut\$) same ((uv or ultraviolet) with ink)) and @ay<=1999	USPAT	2003/03/07 09:23
_	27	(((solder adj resist) same ((uv or ultraviolet) with ink)) and	USPAT	2003/03/07 09:27
		@ay<=1999) not (((rout\$ or cut\$) same ((uv or ultraviolet) with ink))		
		and @ay<=1999)		
1_	11	((solder adj resist) same ((uv or ultraviolet) with ink)) and @ay<=1999	USPAT	2003/03/07 13:46
	''	and (cut\$ or rout\$)	OSIAI	2003/03/07 13.40
	36		LICDAT	2002/02/07 10:10
-	28	((solder adj resist) same ((uv or ultraviolet) with ink)) and @ay<=1999	USPAT	2003/03/07 10:18
1 -	100	((solder adj resist) same (rout\$ or cut\$)) and @ay<=1999	USPAT	2003/03/07 12:31
-	7	huang-edward.in. or ma-jonny.in. or chen-scott.in. or wu-paul.in.	USPAT	2003/03/07 11:44
-	1	("4790894").PN.	USPAT	2003/03/07 12:31
] -	3	("3357099" "4064623" "4352449").PN.	USPAT	2003/03/07 12:31
-	7	3357099.URPN.	USPAT	2003/03/07 12:36
-	15	4790894.URPN.	USPAT	2003/03/07 13:11
-	8	("3926746" "4264917" "4530152" "4790894" "5182853"	USPAT	2003/03/07 13:17
		"5273938" "5355283" "5373627").PN.		
_	5	("4372046" "4543715" "4790894" "4821007" "5140745").PN.	USPAT	2003/03/07 13:37
1_	7	(#372040 #343713 #790894 #621007 3140743).FIN. ("3398232" "4223321" "4288841" "4372046" "4463218"	USPAT	
1.	l '		USPAI	2003/03/07 13:43
'		"4681656" "4821007").PN.	LIGDAT	2002/02/05 12 11
-	6	("2771663" "2986675" "3134049" "4164843" "4288840"	USPAT	2003/03/07 13:44
		"4288841").PN.		,
	2	4463218.URPN.	USPAT	2003/03/07 13:45
-				1
-	315	((uv or ultraviolet) with ink) and @ay<=1999 and rout\$	USPAT	2003/03/10 06:55
- - -		((uv or ultraviolet) with ink) and @ay<=1999 and rout\$ (((uv or ultraviolet) with ink) same rout\$) and @ay<=1999 (((uv or ultraviolet) with ink) same cut\$) and @ay<=1999		2003/03/10 06:55 2003/03/10 07:26 2003/03/10 07:11

Γ -	84	(((uv or ultraviolet) with ink) same cut\$) and @ay<=1999	US-PGPUB;	2003/03/10 07:12
			ЕРО; ЛРО;	
	İ		DERWENT,	
			IBM_TDB	
-	4867	(mask\$ same rout\$) and @ay<=1999	USPAT	2003/03/10 07:31
-	370	29/852.ccls. and solder\$	USPAT	2003/05/22 09:09
-	35	29/852.ccls. and (solder adj resist)	USPAT	2003/05/22 09:45
-	5	("4700473" "5229550" "5463191" "5764485" "6252178").PN.	USPAT	2003/05/22 09:19
-	9	("4910643" "5249098" "5278524" "5396397" "5557502"	USPAT	2003/05/22 09:32
		"5884397" "5970608" "6169663" "6194024").PN.		
-	32	228/\$.ccls. and (wave adj solder\$) and plug	USPAT	2003/05/28 12:20
-	14	("4628409" "4700473" "4739919" "5326937" "5402314"	USPAT	2003/05/22 09:46
		"5434365" "5511306" "5656798" "5796163" "5834705"		
	ļ	"5883335" "5973396" "6087597" "6199273").PN.		
-	0	6329610.pn	USPAT	2003/05/22 10:16
-	1	6329610.pn.	USPAT	2003/05/22 10:16
-	15	("5041183" "5260170" "5286926" "5375042" "5378869"	USPAT	2003/05/22 10:16
		"5389742" "5466892" "5473120" "5495665" "5510216"		
		"5576519" "5600103" "5744758" "5876842" "6010769").PN.		
-	501	228/\$.ccls. and (screen adj print\$)	USPAT	2003/05/28 12:25